

# April Members' Meeting

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## Dates & Times

Matinee, 2:30 p.m., Wednesday, April 11  
Evenings, 8:00 p.m., Wednesday and  
Thursday, April 11 and 12, 1984

## Place

Morrison Auditorium

## Speaker

Edwin Bernbaum

## Subject

"Myths and Legends of the Silk Route"

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Edwin Bernbaum will explore various myths and legends of the Silk Route in relation to the history, culture, and geography of the area. Illustrated with slides, the lecture will focus on subjects such as the Chinese myth of the western paradise of the Immortals, Buddhist legends and prophecies of Khotan, and Central Asian tales of sand-buried cities. The program will show art, ancient ruins and the great mountains and deserts of Central Asia.

As usual, your membership card admits you through the main entrance at Cowell Hall for all three presentations. The Wattis Hall entrance is open for the matinee presentation only and you will be asked to show your membership card for the afternoon program at the auditorium door.

**Sneak Preview:** May 9 and 10 is the Annual Open House at the California Academy of Sciences. It's your night to go behind the scenes of your favorite departments and meet the staff of Steinhart Aquarium, Morrison Planetarium, and all the research departments.



# Special Exhibits

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**Andy Warhol: Endangered Species** is an exhibit both enjoyable to the eye and thoughtful for the mind. Ten large format silkscreen prints by the father of pop-art combined with confiscated man-made items on the endangered list will give you a new appreciation for the plight of some of the more spectacular threatened animals. But look closely; there are small plants and animals from our own backyard that are also on the list. . . plants and butterflies that you may be seeing for the last time.

**Mountain Light:** Photography by Galen Rowell continues to draw large audiences in the McBean-Peterson Galleries. 99 photos taken on some of the world's most spectacular mountain tops shows what can be done with a 35mm camera! Through June 17.

**Portraits From the Galapagos:** Photos by Larry Minden shows you what Darwin might have seen. Continues in Cowell Hall through May 28.

**Spirit of Muir Woods:** Photos of one our most beautiful nature spots closes April 17.



# Morrison Planetarium

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## Sky Shows

**The Universe in a New Light** is a trip through the rainbow of space — with more colors than the eye can see! Special telescopes on Earth and in space can "see" the coats of many colors worn by quasars, supernova remnants and active galaxies.

See **The Universe in a New Light** every day at 2:00 p.m. and Saturday and Sunday at 11:00 a.m., 2:00 and 3:30 p.m. Extra Easter week holiday shows April 16 through 20, at 11:00 a.m., 2:00 and 3:30 p.m.

**Exploring the Skies of the Season** — an enjoyable tour of the heavens can be seen every Saturday and Sunday and April 16 through 20, at 12:30 p.m.

Members may use their complimentary passes for both of these shows.

**Please Note:** *The planetarium will be closed April 30 through May 3 to prepare for the new sky show Starlight Odyssey beginning on May 4.*

## Planetarium Concert Series

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The stars continue to play in the popular new planetarium concert series. These concerts are scheduled on Mondays throughout the year.

### Monday, April 23 at 8:00 p.m.

Yoko Gates plays traditional and contemporary Japanese music on the *koto*.

### Monday, May 14 at 8:00 p.m.

The well-known harpsichordist Hilda Jonas will perform in concert.

Tickets for these special concerts are \$4.00 for Academy members and \$5.00 for guests. Reservations by mail only. For further information call 221-5100 ext. 269.



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## Laserium

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Intricate, multi-colored patterns of laser light drift and pulsate to music in the planetarium's 65-foot dome. Two different shows are offered Thursday through Sunday evenings.

### Showtimes:

Thursday at 9:00 p.m.

Friday at 7:30, 9:00 and 10:30 p.m.

Saturday at 5:00, 7:30, 9:00 and 10:30 p.m.

Sunday at 5:00, 7:30 and 9:00 p.m.

Ticket prices: Regular \$4.50; Matinee (5:00 p.m. show) \$3.50; children 6-12 and seniors \$2.50.

Advance tickets are available through Ticketron or can be purchased one-half hour before showtime at the main entrance to the Academy.

**For show titles and more information call 221-0168.**

**Please Note:** Planetarium passes are NOT usable for Laserium shows. Children under 5 are not admitted to Laserium.

# Inside The Academy

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## The Herpetology Glass Jar Collection and Sale

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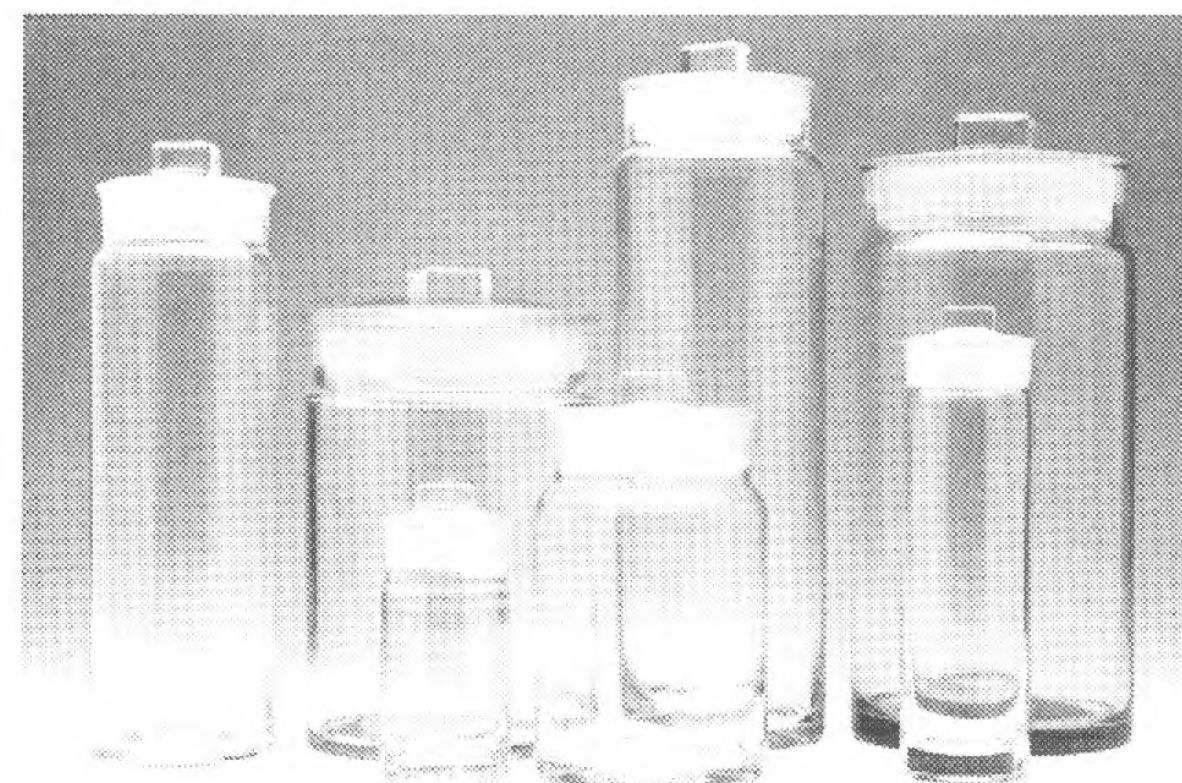
The research collection of the Department of Herpetology contains a limited supply of antique glass specimen jars, which were purchased between 1906 and 1920. These jars were custom designed and hand-blown. The lid of each jar was individually ground to assure a virtually airtight fit, thus making them functional as well as beautiful.

It seems fitting to give Academy members an opportunity to obtain these jars that have served us for so many years.

The jars can be used for many purposes. They can provide storage for spices, spaghetti, cookies, or candy. A set of various sizes can be a decorative kitchen-canister set. Seashells, rocks, or flower arrangements can be displayed inside.

The sizes of the jars range from approximately 6 oz. to 150 oz., and the prices range from \$4.50 to 30.00. For a price list and information on how to purchase these unique jars, please send a self-addressed, stamped envelope to: Jens Vindum, Collections Manager, Department of Herpetology, California Academy of Sciences, Golden Gate Park, San Francisco, California 94118. The proceeds will be used for the purchase of needed laboratory equipment and other research needs in the Department of Herpetology.

The jars will be on short-term display in Cowell Hall, and in front of the auditorium before and after the upcoming members meeting.



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## Your Natural History Museum and Aquarium is changing

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Oh, your old friends are still here; the gorilla still holds thousands of school children spellbound, the seals and dolphins are still up to their acrobatic antics, and the dinosaur skeleton in Cowell Hall still keeps watch over the Academy's 1.5 million visitors each year. Some things will never change, but you will find a new vitality inside these old walls. The penguin environment, the Sierra trout stream, and the marvelous renovations in Simson African Hall are all successful evidence of the energy of the Museum and Aquarium. And because of the action going on inside, we thought it was time for a change on things going outside . . . our publications.



The trend began with the colorful editions of *Pacific Discovery*. Now it's time for the *Newsletter* to step in line. The new design, including the new logo, is by Michael Manwaring of San Francisco. After months of planning and surveys, we have added the words, "Natural History Museum and Aquarium" and the image of two leaping Pacific white-sided dolphins to our legal name, "California Academy of Sciences." We hope you like our new look, and we hope to improve on the shape of the *Newsletter*, assuming costs do not increase.

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## Photography Contest for Young People Deadline April 27

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5:00 p.m. Friday, April 27, is the deadline for receiving entries in the Second Annual Photography Contest for Young People, sponsored by the California Academy of Sciences and KRON-TV4. Entries may be submitted in six categories, and winners will be given their own show this summer in Cowell Hall. Grand prize winner will receive a \$300 gift certificate from Brooks Camera and a chance to photograph from the air with KRON-TV4 reporter, Bob McCarthy, in Telecopter 4.

Don't miss this chance. Call the Junior Academy for an official entry form and more information. (415) 221-5100, ext. 221.



# *Traditional Arts And Special Lecture*

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Join a growing number of fans and visit the museum on Saturday afternoons at 1 p.m. to interact with and enjoy the diversified ethnic groups of the Bay Area. Each week one of these groups will share its cultural heritage in a presentation of one of their traditional arts.

## **Program for April:**

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**April 7** Chinese music performed by Betty Wong on bamboo flute, Mongolian spiked fiddle, butterfly harp, and zither.

**April 14** Brazilian *Carnaval* comes alive with Marlene Lima and an exotically-costumed dance ensemble.

**April 21** Masha Gisetti decorates Easter eggs in the Ukranian folk art tradition (pysanky).

**April 28** In honor of *Cocuk Bayrami* (Turkish National Sovereignty Day), April 23, Aysun Kundupoglu will prepare and serve *borek*, a cheese delicacy.

The Traditional Arts program is funded by the National Endowment for the Arts and the Rietz Food Technology Foundation.

## **Special Lecture**

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### **Fernandina Island of the Galapagos Archipelago**

Thursday, April 5, 8:00 p.m.  
Morrison Auditorium

Tui De Roy, naturalist, photographer and writer, will share her experiences on Fernandina Island, an isolated volcanically active member of the Galapagos Archipelago made famous by Charles Darwin. Tui has lived in the Galapagos since early childhood and is a perfect guide to the unique features which make Fernandina renowned. The young and active volcanoes of Fernandina have created the largest island in the world still free from the pressures of man.

Join Tui De Roy, author of *Galapagos: Islands Lost in Time*, and share her spectacular selection of photographs of one of her favorite places.

Bring a guest . . . admission is free to this special lecture!

# *Adult Education And Travel*

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Space still remains for three of our Adult Education classes. Call 221-5100, ext. 215, for more information.

## **The Four Great Questions of Astronomy**

April 3 - 24 (4 Tuesdays)

7:00 - 9:00 p.m.

Instructor: Norman Sperling

Cost: \$25 members, \$30 non-members

## **The World in a Shell**

April 3 - 24 (4 Tuesdays)

7:00 - 9:00 p.m.

Field Trip: Saturday morning, May 5

Instructor: Sally Crittenden

Cost: \$30 members, \$35 non-members

## **Melon Baskets**

April 28 and May 5 (2 Saturdays)

10:00 a.m. - 4:00 p.m.

Instructor: Kathleen Hubbard-Wilson

Cost: \$30 members, \$35 non-members

(plus a \$12 materials fee payable to instructor during first class).

## **Academy Expeditions 1984**

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### **China: Dragons and Destinies**

April 22 - May 16

This People's Republic of China tour will feature the flora and fauna and the peoples of the minority nationalities whose cultures are protected by the government. Led by Nancy Pickford, members will enjoy the sights of Beijing, and the famous lifesized terra cotta figures discovered in Xian. In Chengdu, capital of Sichuan Province, we will visit the zoo with its Greater and Lesser Pandas and then to Mount Emei, one of the great pilgrimage mountains of China. In Kunming, Yunan Province, highlights will include the Stone Forest and the Dragon Gate. Our tour is completed with a visit to the Prefecture of Xishuangbanna, a tropical area located along the upper reaches of the Mekong River. Cost is \$3510 per person, \$1258 for air. For information, call Pan Oceanic Tours and Travel at (415) 474-7576.

### **The Archaeological Wonders of Turkey**

April 28 - May 15

A "crossroads of the ancient world,"

Turkey offers today's visitor a vast panoply of history, art and architecture that spans centuries of conquest and development. Hittite, Greek, Roman, Byzantine, and Islamic civilizations have each left their mark in this vast Middle Eastern country. Istanbul with its famous Blue Mosque and Topkapi Palace; Ankara; Capadocia, located in the heart of Turkey where entire cities are built underground; the famous sights of Ephesus, Pergamum, Sardis are but a few of the highlights of this most unique tour. The sights of Greece will include some time in Athens to enjoy the Acropolis, and Archaeological Museum. We travel to Corinth and Nauplia, then to enjoy a very special visit to the University of California "dig" at Nemea en route to Delphi. After some time in Delphi, we return to Athens and home. Cost is \$2740 per person, \$1,171 air fare. For information, please call Siemer & Hand Travel at (415) 788-7186.

### **Grand Ronde River Trip**

June 19 - 24

A 4-day float trip through the Grand Ronde Canyon in northeastern Oregon. Led by Dr. Jack Arnold. For information, call the Academy Travel Office at (415) 221-5100.

### **Seychelles and the Southern Seas**

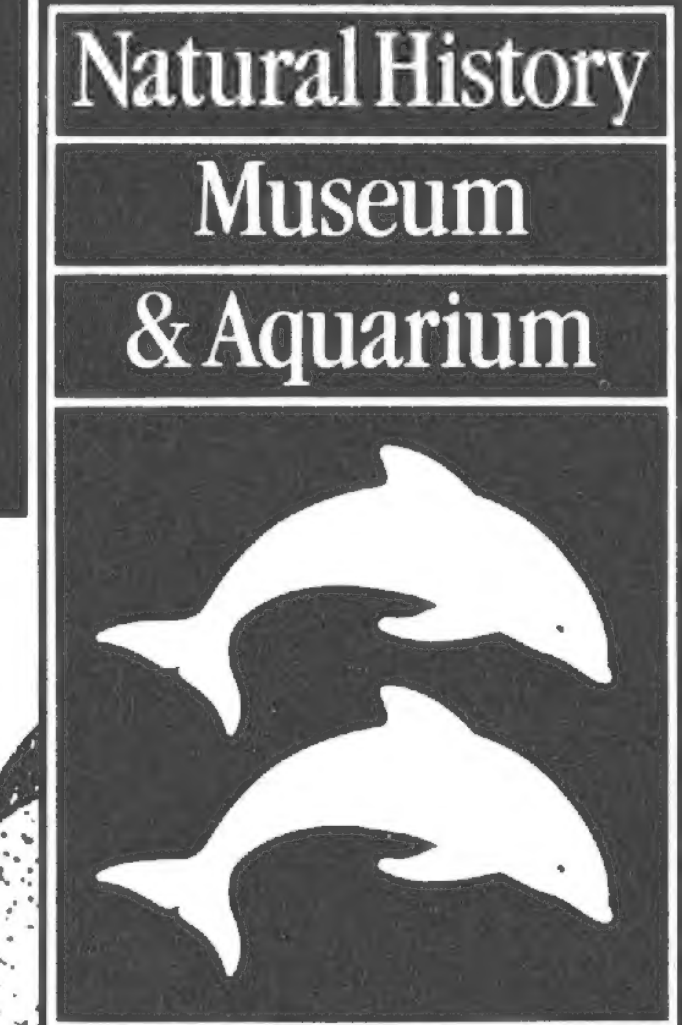
June 15 - July 7

### **Kenya - An Optional Extension**

June 10 - 17

Dr. Robert Drewes leads this spectacular cruise through the Seychelle Islands and along the east coast of Africa. A specially planned pre-trip tour to Kenya is also offered. Cruise costs range from \$3880 to \$7600 plus air. Cost of Kenya extension is \$1020. For information, call the Academy Travel Office at (415) 221-5100.

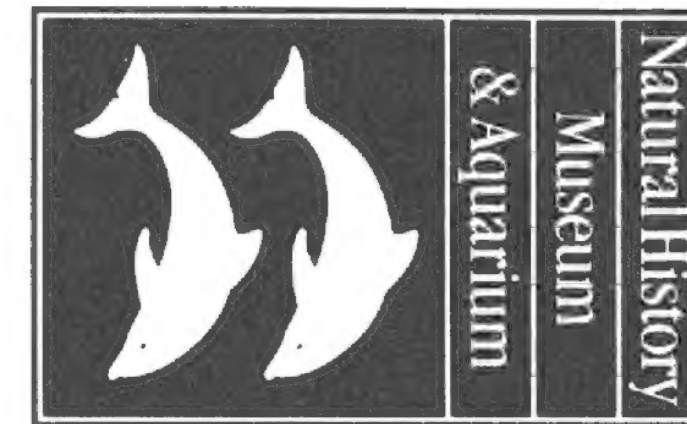




NEWSLETTER

April 1984

California Academy of Sciences



Open every day of the year  
from 10 until 5

Golden Gate Park  
San Francisco, California 94418-9961  
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### Galapagos Islands

July 26 - August 11

### Peru - An Optional Extension

August 11 - 19

Ecuador and a cruise through the wonderful Galapagos Islands aboard the *M.V. Buccaneer* with an optional tour to Peru and to Machu Picchu also offered. Led by Dr. Frank Almeda. Cost for Galapagos is \$1987 for land/cruise and \$806 for air fare. Cost for extension is \$892 for land and \$238 for air. For information, call Siemer & Hand Travel at (415) 788-7186.

### Killer Whales and Totem Poles

August 6 - 17

Travel aboard elegant sailboats to see orcas and the remnants of ancient native civilizations in America's northwest. Costs are \$1635 for land/cruise arrangements, \$198 for air. For information, call the Academy Travel Office at (415) 221-5100.

### Alaska

September 1 - 12

A wealth of wildlife and scenery with this cruise aboard the *M.V. Majestic Alaska Explorer*. Costs range from \$2550 to \$3750 plus air fare. For information, call the Academy Travel Office at (415) 221-5100.

### Papua New Guinea and the Islands of the Solomon Sea

September 19 - October 10

One of the world's most remote and exotic destinations. Tour features the Trobriand Islands, Sepik River and Highlands. For information, please call the Academy Travel Office at (415) 221-5100.

### Flight Through Fantasia

October 7 - 19

The sights of America's southwest. For information, call the Academy Travel Office at (415) 221-5100.

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